

Converting Colors

HunterLab(58.0701, 19.8643,
33.8793)

Have a look what the booklet for
HunterLab(58.0701, 19.8643,
33.8793) contains.

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Color

**HunterLab(58.2011, 19.6931,
33.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8A2A
RGB	222, 138, 42
RGB Percent	87%, 54%, 16%
CMY	0.1294, 0.4588, 0.8353
CMYK	0.00, 0.38, 0.81, 0.13
HSL	32°, 73%, 52%
HSV	32°, 81%, 87%
XYZ	39.6306, 33.8737, 6.6399
YIQ	152.1720, 80.8800, -12.0480

Conversions

Conversions Part 2

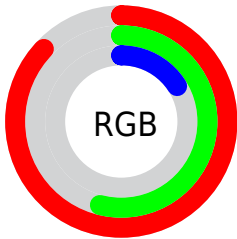
Format	Color
R_{YB}	200, 222, 42
Decimal	14584362
CIE _{Lab}	64.86, 24.99, 60.70
CIE _{LCh}	65, 65.638, 67.622
Yxy	33.8754, 0.4945, 0.4227
Android (android.graphics.Color)	4292774442 (0xFFDE8A2A)
YUV	152.1720, -54.3148, 61.2392
Hunter-Lab	58.2011, 19.6931, 33.9766

Details

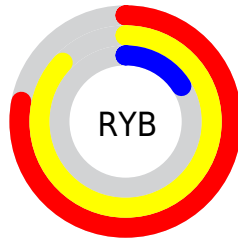
The HunterLab color **58.2011, 19.6931, 33.9766** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **45.4827, 5.1758, -61.9687**, and the grayscale version is **56.2955, -3.0038, 3.0586**.

A 20% lighter version of the original color is **77.3329, 8.2398, 39.3120**, and **38.1530, 18.3238, 23.8305** is the 20% darker color. If you saturate the color by 10%, you get **55.6109, 24.4021, 33.9985**, and if you desaturate by 10%, it is **60.9891, 15.3221, 33.1046**.

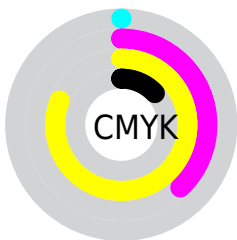
Distribution



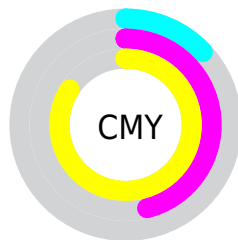
- Red (87%)
- Green (54%)
- Blue (16%)



- Red (78%)
- Yellow (87%)
- Blue (16%)



- Cyan (0%)
- Magenta (38%)
- Yellow (81%)
- Black (13%)



- Cyan (13%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.2011, 19.6931, 33.9766 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 58.2011, 19.6931, 33.9766 by changing the saturation by 10% instead.

■ 58.2011, 19.6931,
33.9766

■ 58.2011, 19.6931,
33.9766

178.7670, 22.3847,
67.3752

■ 47.7472, 19.0033,
29.4950

■ 81.0802, 20.7797,
42.3162

■ 38.0057, 18.2074,
24.7653

■ 93.4322, 21.2017,
46.2301

■ 29.0351, 17.2869,
20.3246

■ 106.3546, 21.5511,
50.0054

■ 20.9082, 16.2250,
14.6358

■ 119.8233, 21.8338,
53.6613

■ 13.7241, 15.0076,
9.6068

■ 133.8169, 22.0546,
57.2138

■ 7.3378, 15.2312,
5.1364

■ 148.3166, 22.2177,

0.0000, INF, NaN

60.6765

0.0000, NaN, NaN

163.3050, 22.3267,
64.0604

0.0000, NaN, NaN

■ 58.2011, 19.6931,
33.9766

■ 58.2011, 19.6931,
33.9766

■ 55.6109, 24.4021,
33.9985

■ 60.9891, 15.3221,
33.1046

■ 53.4624, 28.8089,
33.4476

■ 63.9606, 11.3399,
31.3705

■ 67.1061, 7.7597,
28.8024

■ 70.4138, 4.5821,
25.4474

■ 73.8722, 1.7971,
21.3623

■ 77.4701, -0.6127,
16.6065

■ 81.1974, -2.6683,
11.2387

■ 85.0445, -4.3929,
5.3144

■ 89.0026, -5.8102,
-1.1153

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.2026, 47.9963, 27.1453



58.2011, 19.6931, 33.9766



58.2026, -10.3246, 35.0408

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.2026, 19.6896, 33.9772



58.2026, -48.7240, -4.3192



58.2026, 35.0112, -56.4877

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.2011, 19.6931, 33.9766



45.4827, 5.1758, -61.9687

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.2026, 4.4769, -77.7944



58.2011, 19.6931, 33.9766



58.2026, -41.0320, -39.4297

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.2026, 19.6896, 33.9772



58.2026, -46.2329, 19.9673



58.2026, -22.8614, -70.3671



58.2026, 57.9814, -20.8739

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.2011, 19.6931, 33.9766



58.2026, -26.7808, 33.3017



58.2026, -22.8614, -70.3671



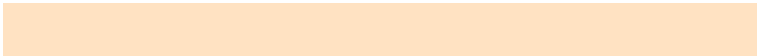
58.2026, 25.0800, -66.1933

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.2026, 19.6896, 33.9772



89.3193, 0.1134, 21.2387



43.2342, 67.6793, 0.7561



40.6235, 0.5200, 10.7520

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.2026, 19.6896, 33.9772



63.1741, 32.4122, 39.2889



81.8585, -23.6300, 48.4404



38.6070, -1.4020, 4.8650



41.4756, 21.5929, 25.9351



11.7097, 3.9919, 7.2853

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.4827, 5.1758, -61.9687



46.3177, 16.2057, -92.2804



27.4926, 50.7827, -131.2040



37.8053, -2.5285, -0.8813



30.3034, 10.9196, -61.4489



9.0249, 0.8504, -13.1161

Previews

White Background



This preview shows how the HunterLab color 58.2011, 19.6931, 33.9766 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 58.2011, 19.6931, 33.9766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 58.2011, 19.6931, 33.9766 Background



This preview shows how black text looks on a background with the HunterLab color 58.2011, 19.6931, 33.9766.



This preview shows how white text looks on a background with the HunterLab color 58.2011, 19.6931,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.2011, 19.6931, 33.9766

Protanopia

58.3147, -7.5541, 33.0667

Deuteranopia

58.3853, 4.1991, 34.2728



Tritanopia

58.1948, 33.4761, 11.9482

Trichromacy



Original Color

58.2011, 19.6931, 33.9766

Protanomaly

58.0174, 1.6382, 33.2416

Deuteranomaly

58.2835, 9.4134, 34.1262

Tritanomaly

57.8700, 27.5078, 22.9940

Monochromacy



Original Color

58.2011, 19.6931, 33.9766

Achromatopsia

56.0347, -2.9899, 3.0445

Achromatomaly

56.0218, 2.2966, 18.3371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.2011, 19.6931, 33.9766 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 138, 42)` looks like.

```
.text, #text, p{  
    color:rgb(222, 138, 42)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 138, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 138, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 58.2011, 19.6931, 33.9766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 138, 42) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 138, 42) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 138, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 138, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 138, 42);  
box-shadow:4px 4px 4px 4px rgb(222, 138,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.2011, 19.6931, 33.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 138, 42) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
138, 42) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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